BRUHATH BANGALORE MAHANAGARA PALIKE

DETAILED ESTIMATE FOR DEVELOPMENT AND IMPROVEMENTS TO ROADS AND DRAINS IN MAIN ROIAD AND CROSS ROADS OF WARD NO.7 BYTARAYANAPURA.

Est. Cost 10000000.00

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
1	2	3	4	5	6	7	8	9
1	KSRB 2 - 1.1 : Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and after breaking of clods and neatly dressed as per specifications. Specification No.KBS 2.1(a) / 2.3.1 (Page No.5, Item No. 2.1)							
	Desilting of drains - LHS							
	From NH to left of zonal office compound							
		1	34.00	0.70	0.75	17.85		
	Right of zonal office compound to Talakaveri layout main road							
		1	208.00	0.70	0.75	109.20		
	Culvert (Talakaveri layout)	1	7.00	1.80	1.00	12.60		
	Desilting in drain	1	140.00	0.70	0.75	73.50		
	Culvert	1	6.00	1.80	1.00	10.80		
	RHS - From NH to burial ground for new RCC drain							
	for RCC drain	1	129.00	1.00	1.00	129.00		
	From burial ground to cement shop							
		1	52.00	0.70	0.90	32.76		
	Culvert	1	6.00	1.80	1.00	10.80		
	Culvert to udupi garden hotel							
		1	38.00	0.70	0.90	23.94		
	Culvert	1	4.00	1.80	1.00	7.20		
	From culvert to house No.135	1	42.00	0.70	0.90	26.46		
	Culvert	1	3.00	1.80	1.00	5.40		
	from culvert to reliance fresh	1	98.00	0.70	0.90	61.74		
	for RCC gate pillers	2	1.20	1.20	1.50	4.32		
	for SSM compound wall	1	50.00	1.20	1.20	72.00		
		1	11.00	1.20	1.20	15.84		
	Over burden earth	1	35.00	1.50	0.60	31.50		
						644.91	159.84	103082.00
							Per Cmtr	

CSR of 2015-16

Basic Rate 148.00

Add A.W. 8% 11.84

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	TOTAL		159.84					

2 KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead upto 50m and lift of 1.5m complete as per specifications.Specification No.KBS (Page No.6, Item No. 2.15)

for bed of RCC gate pillers	2	1.20	1.20	0.15	0.43		
for bed of SSM compound wall	1	50.00	1.20	0.15	9.00		
	1	11.00	1.20	0.15	1.98		
					11.41	2174.04	24810.00
						Per Cum	

CSR of 2015-16	
Basic Rate	2013.00
Add A.W. 8%	161.04
TOTAL	**2174.04**

3 KSRB 4 - 1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No.4.3)

vent portion of drains -

From NH to left of zonal office compound					
	1	34.00	0.70	0.15	3.57
Right of zonal office compound to Talakaveri layout main road					
	1	208.00	0.70	0.15	21.84
Culvert (Talakaveri layout)	1	7.00	1.80	0.15	1.89
for bed of drain	1	140.00	0.70	0.15	14.70
Culvert	1	6.00	1.80	0.15	1.62
RHS - From NH to burial ground for new RCC drain					
for bed of RCC drain	1	129.00	1.00	0.15	19.35
From burial ground to cement shop					
	1	52.00	0.70	0.15	5.46
Culvert	1	6.00	1.80	0.15	1.62
Culvert to udupi garden hotel					
	1	38.00	0.70	0.15	3.99
Culvert	1	4.00	1.80	0.15	1.08

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	From culvert to house No.135	1	42.00	0.70	0.15	4.41		
	Culvert	1	3.00	1.80	0.15	0.81		
	from culvert to reliance fresh	1	98.00	0.70	0.15	10.29		
	for bed of CC Kerb							
	From NH to left of zonal office compound	1	34.00	0.45	0.10	1.53		
	Right of zonal office compound to Talakaveri layout main road	1	208.00	0.45	0.10	9.36		
		1	140.00	0.45	0.10	6.30		
	for RCC drain ramp CC	1	129.00	0.30	0.10	3.87		
	From burial ground to cement shop	1	52.00	0.45	0.10	2.34		
	Culvert to udupi garden hotel	1	38.00	0.45	0.10	1.71		
	From culvert to house No.135	1	42.00	0.45	0.10	1.89		
	from culvert to reliance fresh	1	98.00	0.45	0.10	4.41		
	for bed of RCC gate pillers	2	1.20	1.20	0.15	0.43		
	for bed ofSSM compound wall	1	50.00	1.20	0.15	9.00		
		1	11.00	1.20	0.15	1.98		
						133.45	5070.60	676682.00
						Per Cum		

CSR of 2015-16

Basic Rate	4695.00
Add A.W. 8%	375.60
TOTAL	**5070.60**

4 Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing, complete as per specifications.KBS 5.1.13(Page No.23, Item No. 5.6)

for foundation of SSM compound wall	1	50.00	1.20+0.60/2	0.90	40.50		
	1	11.00	1.20+0.60/2	0.90	8.91		
					49.41	4135.32	204326.00
					Per Cum		

CSR of 2015-16

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Basic Rate		3829.00					
	Add A.W. 8%		306.32					
	TOTAL		**4135.32**					
5	KSRB 5.3-3 : Providing and constructing granite / trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing, complete as per specifications.KBS 5.1.13 (Page No.23, Item No. 5.9)							
	SSM walls of drains							
	From NH to left of zonal office compound							
		2	34.00	0.45	0.60	18.36		
	Right of zonal office compound to Talakaveri layout main road							
		2	208.00	0.45	0.60	112.32		
	Culvert (Talakaveri layout)	2	7.00	0.60	0.90	7.56		
	SSM walls of drain	2	60.00	0.45	0.90	48.60		
		2	80.00	0.45	0.60	43.20		
	Culvert	2	6.00	0.60	0.60	4.32		
	RHS - From NH to burial ground for new RCC drain							
	From burial ground to cement shop							
		2	52.00	0.45	0.60	28.08		
	Culvert	2	6.00	0.60	0.90	6.48		
	Culvert to udupi garden hotel							
		2	38.00	0.45	0.60	20.52		
	Culvert	2	4.00	0.60	0.90	4.32		
	From culvert to house No.135	2	42.00	0.45	0.60	22.68		
	Culvert	2	3.00	0.60	0.90	3.24		
	from culvert to reliance fresh	2	98.00	0.45	0.45	39.69		
						359.37		
	Shoulder Open	35	0.25	0.45	0.40	1.58		
						1.58		
					Net qnty	**357.80**	4905.36	1755113.00
							Per Cum	
	CSR of 2015-16							
	Basic Rate		4542.00					
	Add A.W. 8%		363.36					
	TOTAL		**4905.36**					

Amount	Sl. No.	Description	Dimensions				Qty.	Rate	Amount
			No.	L.	B.	D			
	6	KSRB 5.4-4 : Providing and constructing granite / trap/ basalt size stone masonry in superstructure with cement mortar 1:4, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing, complete as per specifications. KBS 5.1.13 (Page No.23, Item No. 5.13)							
		for SSM compound wall	1	50.00	0.45	1.80	40.50		
			1	15.00	0.45	1.80	12.15		
			1	11.00	0.45	1.80	8.91		
		for SSM pillers	35	0.60	0.15	1.80	5.67		
							67.23		
		Deduction							
		Gate open	1	2.00	0.45	1.80	1.62		
			1	1.00	0.45	1.80	0.81		
							2.43		
						Net qnty	**64.80**	5486.40 Per Cum	355519.00
		CSR of 2015-16							
		Basic Rate	5080.00						
		Add A.W. 8%	406.40						
		TOTAL	**5486.40**						
	7	KSRB 15.1.3 : Providing ruled pointing to course stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (Page No.112, Item No. 15.3)							
		SSM walls of drains							
		From NH to left of zonal office compound							
			2	34.00		0.90	61.20		
		Right of zonal office compound to Talakaveri layout main road							
			2	208.00		0.90	374.40		
		Culvert (Talakaveri layout)	2	7.00		0.90	12.60		
		SSM walls of drain	2	140.00		0.90	252.00		
755113.00		Culvert	2	6.00		0.90	10.80		
		RHS - From NH to burial ground for new RCC drain							
		From burial ground to cement shop							
			2	52.00		0.90	93.60		
		Culvert	2	6.00		0.90	10.80		
		Culvert to udupi garden hotel							
			2	38.00		0.90	68.40		
		Culvert	2	4.00		0.90	7.20		

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	From culvert to house No.135	2	42.00		0.90	75.60		
	Culvert	2	3.00		0.90	5.40		
	from culvert to reliance fresh	2	98.00		0.90	176.40		
	for SSM compound wall	2	50.00		1.80	180.00		
		2	15.00		1.80	54.00		
		2	11.00		1.80	39.60		
	for SSM pillers	2x35	0.15		1.80	18.90		
						1440.90		
	Deduct Shoulder Open	35	0.25		0.40	3.50		
	Gate open	2	2.00		1.80	7.20		
		2	1.00		1.80	3.60		
						14.30		
					Net qnty	**1426.60**	99.36 Per Smtr	141747.00

CSR of 2015-16

Basic Rate	92.00
Add A.W. 8%	7.36
TOTAL	**99.36**

8 KSRB 4 - 1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No. 4.6)

vent portion of drains -

From NH to left of zonal office compound					
	1	34.00	0.70	0.125	2.98
Right of zonal office compound to Talakaveri layout main road					
	1	208.00	0.70	0.125	18.20
Culvert (Talakaveri layout)	1	7.00	1.80	0.125	1.58
for bed of drain	1	140.00	0.70	0.125	12.25
Culvert	1	6.00	0.70	0.125	0.53
RHS - From NH to burial ground for new RCC drain					
for RCC drain ramp CC	1	129.00	0.30	0.125	4.84
From burial ground to cement shop					
	1	52.00	0.70	0.125	4.55
Culvert	1	6.00	0.60	0.125	0.45

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Culvert to udupi garden hotel							
		1	38.00	0.70	0.125	3.33		
	Culvert	1	4.00	0.60	0.125	0.30		
	From culvert to house No.135	1	42.00	0.70	0.125	3.68		
	Culvert	1	3.00	0.70	0.125	0.26		
	from culvert to reliance fresh	1	98.00	0.70	0.125	8.58		
	over SSM walls of drains							
	From NH to left of zonal office compound							
		2	34.00	0.45	0.10	3.06		
	Right of zonal office compound to Talakaveri layout main road							
		2	208.00	0.45	0.10	18.72		
	Culvert (Talakaveri layout)	2	7.00	0.60	0.10	0.84		
	SSM walls of drain	2	140.00	0.45	0.10	12.60		
	Culvert	2	6.00	0.60	0.10	0.72		
	RHS - From NH to burial ground for new RCC drain							
	From burial ground to cement shop							
		2	52.00	0.45	0.10	4.68		
	Culvert	2	6.00	0.60	0.10	0.72		
	Culvert to udupi garden hotel							
		2	38.00	0.45	0.10	3.42		
	Culvert	2	4.00	0.60	0.10	0.48		
	From culvert to house No.135	2	42.00	0.45	0.10	3.78		
	Culvert	2	3.00	0.60	0.10	0.36		
	from culvert to reliance fresh	2	98.00	0.45	0.10	8.82		
	over SSM foundation wall	1	50.00	0.60	0.10	3.00		
		1	11.00	0.60	0.10	0.66		
	for SSM compound wall	1	50.00	0.45	0.10	2.25		
		1	15.00	0.45	0.10	0.68		
		1	11.00	0.45	0.10	0.50		
	for SSM pillers	35	0.60	0.15	0.10	0.32		
	for Building & CC Kerb gap							
	From NH to left of zonal office compound	2	34.00	0.15	0.10	1.02		
	Right of zonal office compound to Talakaveri layout main road	2	208.00	0.15	0.10	6.24		
		2	140.00	0.15	0.10	4.20		

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	for RCC drain ramp CC	2	129.00	0.15	0.10	3.87		
	From burial ground to cement shop	2	52.00	0.15	0.10	1.56		
	Culvert to udupi garden hotel	2	38.00	0.15	0.10	1.14		
	From culvert to house No.135	2	42.00	0.15	0.10	1.26		
	from culvert to reliance fresh	2	98.00	0.15	0.10	2.94		
						149.33		
	Deduct Shoulder Open	35	0.25	0.45	0.10	0.39		
	Gate open	1	2.00	0.45	0.10	0.09		
		1	1.00	0.45	0.10	0.05		
						0.53		
					Net qnty	**148.80**	5490.72 Per Cmtr	816999.00

CSR of 2015-16

Basic Rate	5084.00
Add A.W. 8%	406.72
TOTAL	**5490.72**

9 KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum fine aggregates @ 0.459 cum, with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery curing, complete as per specifications.Specification No.KBS 4.1, 4.6 (Page No.13, Item No.

for bed of RCC drain	1	129.00	0.90	0.15	17.42	
for side walls of RCC drain	2	129.00	0.15	0.90	34.83	
for RCC gate pillers footings	2	1.20	1.20	0.45	1.30	
	2	0.9+0.6/2	0.9+0.6/2	0.75	0.84	
	2	0.60	0.60	3.00	2.16	
					56.54	6198.12 Per Cmtr 350471.00

CSR of 2015-16

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Basic Rate		5739.00					
	Add A.W. 8%		459.12					
	TOTAL		**6198.12**					
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification No.KBS 4.6.3 (Page No.17, Item No. 4.46.2)							
a)	for bed of RCC drain	1	129.00	0.90	0.15	17.42		
	for side walls of RCC drain	2	129.00	0.15	0.90	34.83		
						52.25		
	@ 65kg/cum			52.25	x65kg/cum	3395.93		
					Say	**3.40**		
b)	for RCC gate pillers footings	2	1.20	1.20	0.45	1.30		
		2	0.9+0.6/2	0.9+0.6/2	0.75	0.84		
		2	0.60	0.60	3.00	2.16		
						4.30		
	@ 100kg/cum			4.30	x100kg/cum	429.98		
					Say	**0.43**		
				Total Qnty a+b		**3.83**	69805.80 Per tonne	267356.00
	CSR of 2015-16							
	Basic Rate		64635.00					
	Add A.W. 8%		5170.80					
	TOTAL		**69805.80**					
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page No.15, Item No. 4.31)							
	for side walls of RCC drain	4	129.00		0.90	464.40		
	for copining CC							
	over SSM foundation wall	2	50.00		0.10	10.00		
		2	11.00		0.10	2.20		
	for SSM compound wall	2	50.00		0.10	10.00		
		2	15.00		0.10	3.00		

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
		2	11.00		0.10	2.20		
	for SSM pillers	2x35	0.15		0.10	1.05		
						492.85		
	Deduction							
	Gate open	2	2.00		0.10	0.40		
		2	1.00		0.10	0.20		
						0.60		
					Net qnty	**492.25**	306.72	150983.00
							Per Sqm	

CSR of 2015-16

Basic Rate	284.00
Add A.W. 8%	22.72
TOTAL	**306.72**

12 KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page No.15, Item No. 4.28)

for RCC gate pillers footings	2x4	1.20		0.45	4.32	
	2x4	0.9+0.6/2		0.75	4.50	
					8.82	244.08	2153.00
						Per Smtr	

CSR of 2015-16

Basic Rate	226.00
Add A.W. 8%	18.08
TOTAL	**244.08**

13 KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page No.16, Item No. 4.33)

for RCC gate pillers	2x4	0.60		3.00	14.40	
					14.40	913.68	13157.00
						Per Smtr	

CSR of 2015-16

Basic Rate	846.00
Add A.W. 8%	67.68
TOTAL	**913.68**

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
14	KSRB 15.3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4 to stone masonry & concrete surface including rounding off corner wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Page No.110, Item No. 15.19)							
	for RCC gate pillers	2x4	0.60		3.00	14.40		
	Top portion	2	0.60		0.60	0.72		
						15.12	239.76 Per Smtr	3625.00
	CSR of 2015-16							
	Basic Rate	222.00						
	Add A.W. 8%	17.76						
	TOTAL	**239.76**						
15	Providing and stacking semi polished Sadarahalli slabs of approved quality with all faces track and without any banishes and of uniform colour and shade of size 7.50 cm thick with machine cutting of all the four sides and all jointes should be tapper the work includes cost of all material hire charges of machines cost of labour charges with all lead and lift and all other incidental charges with whole work should be carried out as per direction							
	for covering slabs over SSM Drain							
	From NH to left of zonal office compound	1	34.00	1.50		51.00		
	Right of zonal office compound to Talakaveri layout main road	1	208.00	1.50		312.00		
		1	140.00	1.50		210.00		
	over RCC drain	1	129.00	0.90		116.10		
	From burial ground to cement shop	1	52.00	1.50		78.00		
	Culvert to udupi garden hotel	1	38.00	1.50		57.00		
	From culvert to house No.135	1	42.00	1.50		63.00		
	from culvert to reliance fresh	1	98.00	1.50		147.00		
						1034.10	2520.00 Per Smtr	2605932.00

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
16	Providing and laying Pre Cast slab using 20mm and downsize graded course aggregate stone using clean sieved approved sand including cost and conveyance of all materials all lead and lift, labour charges of machinery etc., complete of 23 cm thick RCC M-20 (inclusive of cost of steel and fabrications charges) compelte as per specifications and directions of the Engineerin charge (Data rate copy enclosed)							
	Precast covering slabs over culverts							
	culvert Talakaveri layout	1	7.00	1.80		12.60		
	SSM walls of culvert	1	6.00	1.80		10.80		
	RHS - From NH to burial ground for new RCC drain							
	SSM walls of culvert	1	6.00	1.80		10.80		
		1	4.00	1.80		7.20		
		1	3.00	1.80		5.40		
						46.80	4402.79	206051.00
							Per Smtr	
17	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. of size 450 x 200 x 400 mm (Page No.25, Item No. 5.29.1)							
	for CC kerb							
	From NH to left of zonal office compound	1	34.00			34.00		
	Right of zonal office compound to Talakaveri layout main road	1	208.00			208.00		
		1	140.00			140.00		
	From burial ground to cement shop	1	52.00			52.00		
	Culvert to udupi garden hotel	1	38.00			38.00		
	From culvert to house No.135	1	42.00			42.00		
	from culvert to reliance fresh	1	98.00			98.00		
						612.00		
	Deduct: Shoulder open	35	0.25			8.75		
					Net qnty	603.25		
				603.25	0.45	1340.56		
					Say	**1341.00**	373.68	501105.00
							Per each	
	CSR of 2015-16							
	Basic Rate	346.00						

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Add A.W. 8%		27.68					
	TOTAL		**373.68**					
18	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (Page No.120, Item No. 15.80)							
	Painting to CC kerb							
	From NH to left of zonal office compound	1	34.00		0.35	11.90		
206051.00	Right of zonal office compound to Talakaveri layout main road	1	208.00		0.35	72.80		
		1	140.00		0.35	49.00		
	for RCC drain ramp CC	1	129.00		0.35	45.15		
	From burial ground to cement shop	1	52.00		0.35	18.20		
	Culvert to udupi garden hotel	1	38.00		0.35	13.30		
	From culvert to house No.135	1	42.00		0.35	14.70		
	from culvert to reliance fresh	1	98.00		0.35	34.30		
						259.35		
	Deduct: Shoulder open	35	0.25		0.35	3.06		
					Net qnty	**256.29**	27.00	6920.00
	CSR of 2015-16						Per Smtr	
	Basic Rate		25.00					
	Add A.W. 8%		2.00					
	TOTAL		**27.00**					
19	KSRB 15-19.2 : Providing and applying spary painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materiasl, labour, complete as per specifications. (Page No.121, Item No.15.81)							
501105.00	Painting to CC kerb							
	From NH to left of zonal office compound	1	34.00		0.35	11.90		

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Right of zonal office compound to Talakaveri layout main road	1	208.00		0.35	72.80		
		1	140.00		0.35	49.00		
	for RCC drain ramp CC	1	129.00		0.35	45.15		
	From burial ground to cement shop	1	52.00		0.35	18.20		
	Culvert to udupi garden hotel	1	38.00		0.35	13.30		
	From culvert to house No.135	1	42.00		0.35	14.70		
	from culvert to reliance fresh	1	98.00		0.35	34.30		
						259.35		
	Deduct: Shoulder open	35	0.25		0.35	3.06		
					Net qnty	**256.29**	68.04	17438.00
	CSR of 2015-16					**Per Smtr**		
	Basic Rate	63.00						
	Add A.W. 8%	5.04						
	TOTAL	**68.04**						
20	Providing and fixing M S Gratings 260 x 260mm (Page No. VIII , Sl. No.237, Code No.0771)							
	Gratings for shoulder open	35				35.00		
						35.00	89.00	3115.00
						Per Each		

21 Fabricating providing and erecting in position Hot dip galvanized sq.hollow poles of 132x132 heavy gauge of length 3000mm with MS.,Hot dip galvanised grill work as per approved design & drawing of chief arachitect. Using 75x12mm galvanised flat for alround frame and 20x20mm galvanised forged design with square rod vertical at 150mm c/c as shown in the drawing incuidng proviidng forged oirnamental arrow head at top and bottom. the work is inclusive of throughing flat square road placing welding al the joints including grinding finishing metal patti and painting 2 coars of anticorrosive paint over one coat of metal primer. the rate of inclusive of all materials like Ms halow galvanised ipe flats, forged square road, cost of labour for all litems of work. cost of painting welding, cutting grinding with all lead lift and as per specification incllluding loaidng and unloading with cost and conveuance of all materials labour machinery and incidentila charge for the seccessful complete of the work as per directions of the engineer in charge of the work

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Grill over SSM compound wall	1	50.00		1.00	50.00		
		1	15.00		1.00	15.00		
		1	11.00		1.00	11.00		
						76.00		
	Deduction							
	Gate open	1	2.00		1.00	2.00		
		1	1.00		1.00	1.00		
						3.00		
					Net qnty	**73.00**	9144.00 Per Sqm	667512.00

22 Fabricating providing and erecting in position Hot dip galvanized gate using 72x72x48mm sqm GI pipe frame with top pipe bending in heavy duty hydraulic ores with sand parking and hot bending to form double arch as per drawing profile , 20mm hot dip galvanized sq rod for verticals at 150mm c/c as shown in the drawing including providing hot dip galvanized forged ornamental design in b/w sq. rods and heads at tip middle ad bottom. Intermediate supports of 75x12mm an 50x12mm and 50x6 mm arch bent to hot dip galvanized flats, the work is inclusive of thronging GI flat GI sq. rods, placing, welding all the joints grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq pipe GI sq rods. GI forged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at tow place including cost of labour, painting, erecting charges using hoist pulley cranes with all lead lift loading transportation, unloading scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer in charges of the work

for Main gate	2	2.75		2.10+2.70/2	13.20	
Small gate	1	2.00		1.80	3.60	
	1	1.00		1.80	1.80	
					18.60	12475.00 Per Sqm	232035.00

23 Lead charges for conveying the excavated earth including loading and unloading upto 13 kms as per directions

Qty.vide item No.1+2					644.91	
					644.91	104.60 Per Cmtr	67458.00
							9173589.00
Add 8% for KRIDL charges							733887.00
Add 1% for Consultancy charges							91736.00

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
24	Miscelenous & unforcein charges							788.00

GRAND TOTAL Rs. 10000000.00

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.
2 This estimate is prepared as per CSR of 2015-16
3 This work is not split up
4 The provisions were made in this estimate are adequete and essential
5 This works comes under BBMP Limits

Asst.Engineer
Ward No.07

Asst.Executive Engineer
Sub Division
B.B.M.P

Asst. Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P..
Bangalore.

Executive Engineer
Byatarayanapura Division
B.B.M.P.
4/4/16

ADMINISTRATIVE APPROVAL
Accorded For Rs. One Crore only
Head of A/c. P-3110
Div. Ref. No. 01/16-17 Date 04/04/16

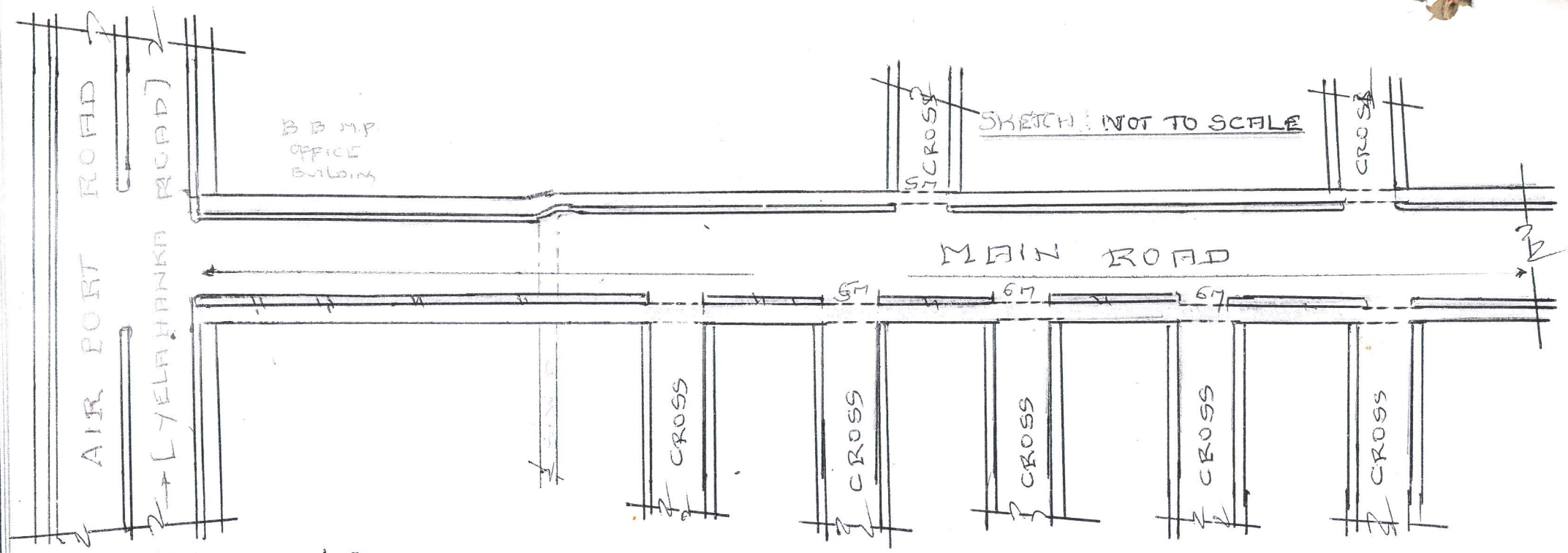
AE

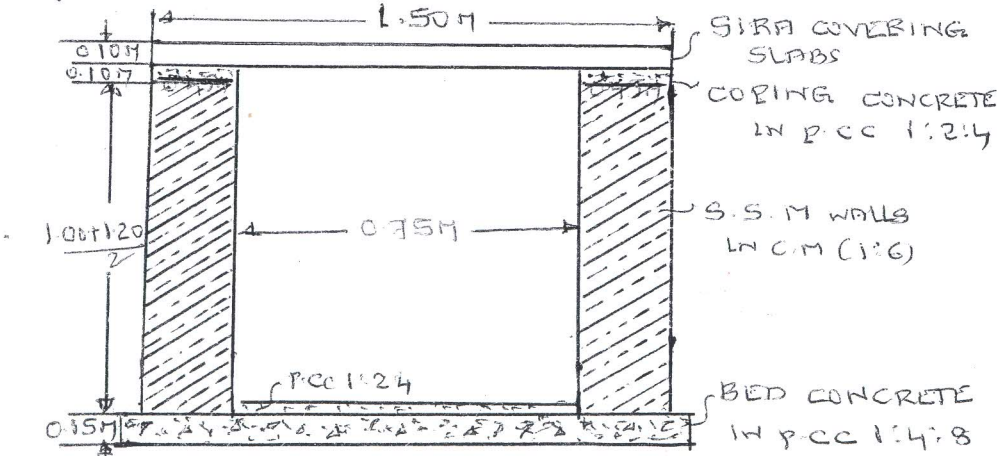
EE(BTP)
4/4/16

Technical Sanction
Accorded For Rs 100 Lakhs only
Head of A/C P3110
CER NO 135 Dt 05.04.2016

TA CE (YNK)

SKETCH SHOWING FOR





SECTION OF SIZE STONE MASONRY DRAIN

INDEX

- ☐ DESILTING AND IMPROVEMENTS TO EXISTING SIZE STONE MASONRY DRAIN
- ☐ PROPOSED C.C. KERB STONES WITH PAINTING
- ☐ PROPOSED CONSTRUCTION OF CULVERT

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

N.D.
ASSISTANT ENGINEER
WARD NO 7

ASSISTANT EXECUTIVE ENGINEER
SUB DIVISION

EXECUTIVE ENGINEER
DIVISION